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THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	TAKEDA S ET AL: "DETECTION OF K-RAS MUTATION IN SPUTUM BY MUTANT-ALLELE-SPECIFIC AMPLIFICATION (MASA)" HUMAN MUTATION, WILEY-LISS, NEW YORK, NY, US, vol. 2, 1993, pages 112-117, XP000917212 ISSN: 1059-7794 * the whole document *	1-23	C12Q1/68 C12P19/34 C07H21/04
X	SIDRANSKY DAVID: "Nucleic acid-based methods for the detection of cancer" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, US, vol. 278, no. 5340, 7 November 1997 (1997-11-07), pages 1054-1058, XP002170462 ISSN: 0036-8075 * the whole document *	1-23	
Y	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1994 MAO LI ET AL: "Detection of oncogene mutations in sputum precedes diagnosis of lung cancer." Database accession no. PREV199497241387 XP002192506 * abstract * & CANCER RESEARCH, vol. 54, no. 7, 1994, pages 1634-1637, ISSN: 0008-5472	1-23	TECHNICAL FIELDS SEARCHED (Int.Cl.6) C12Q
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>MUNICH</b>		Date of completion of the search <b>11 March 2002</b>	Examiner <b>Madlener, M</b>
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1985 CHEN T ET AL: "THE DIAGNOSTIC SIGNIFICANCE OF DETERMINATION OF SECRETORY IMMUNOGLOBULIN A IN SPUTUM AND SALIVA IN LUNG CANCER" Database accession no. PREV198682035900 XP002192507 * abstract * & CHINESE JOURNAL OF TUBERCULOSIS AND RESPIRATORY DISEASES, vol. 8, no. 6, 1985, pages 325-327, 372, ISSN: 0253-2689	1-23	
P,A	WO 98 44158 A (EPITOPE INC ;BESTWICK RICHARD K (US); GOLDSTEIN ANDREW S (US)) 8 October 1998 (1998-10-08) * page 1, line 21 - page 2, line 10 *	1-23	
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search MUNICH		Date of completion of the search 11 March 2002	Examiner Madlener, M
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</div>			

EP 99 91 1289

11-03-2002

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